Test Type: 14-DAY
Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

C Number: C99007

Lock Date: 10/11/2001

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY
Route: DOSED FEED

D

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

First Dose M/F: NA / NA Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:17

B6C3F1	Mouse	Male
VEHICLI	E CONT	ROL

AY ON TEST	0	0	0	0	0	
	<i>1</i> 5	1	1	1	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	l
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

5

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 99007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 1560 PPM

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

RI ANK Not examin

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Time Report Requested: 02:31:17 First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 1560 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

0 Multiple Organ

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder **CAS Number: GOLDENSEALRT**

Species/Strain: Mouse/B6C3F1

Time Report Requested: 02:31:17 First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 3121 PPM

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder **CAS Number: GOLDENSEALRT**

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:17

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 3121 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder **CAS Number: GOLDENSEALRT**

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Time Report Requested: 02:31:17 First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

B6C3F1 Mouse Male 6250 PPM

DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1
	5	5	5	5	5
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	3	3	3	3	3
	1	2	3	4	5

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Spleen 1

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

First Dose M/F: NA / NA Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:17

B6C3F1	Mouse	Male
6250 PP	M	

DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	
	0	0	0	0	0	
	3	3	3	3	3	
	1	3	3	4	5	

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 99007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 12500 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder **CAS Number:** GOLDENSEALRT

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:17

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 12500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 25000 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	1	2	3	4	5	*-

*TOTALS

5

Alimentary System

Liver + + + + +

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

D

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

B6C3F	1 Mouse Male
25000	PPM

AY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	5	5	5	5	5
ANIMAL ID	Λ	0 0 0 5 2	0 0 0 5 3	0 0 0 5 4	00055

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:17

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 50000 PPM

DAY ON TEST	0	0	0	0	0	1
	U	U	U	U	U	
	<i>I</i> 5	5	5	5	1	
	5	5	5	5	5	
ANIMAL ID	0	0	0	0	0	
AMINAL ID	0	0	0	0	0	
	0	0	0	0	0	
	6	6 2	6 3	6	6	
	1	2	3	4	5	

*TOTALS

5

Alimentary System

Liver + + + + +

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Time Report Requested: 02:31:17 First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

B6C3F1 Mouse Male 50000 PPM

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	5	5	5	5	5	
V VIIIVAVI ID	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	6	6 2	6	6	6	
	1	2	3	4	5	

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + +

END OF MALE DATA

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

First Dose N

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:17

Lab: MBA

DAY	ON TEST	0	0	0	0	0	
B6C3F1 Mouse Female		0	0	0	0	0	
		<i>I</i> 5	<i>I</i> 5	<i>I</i> 5	<i>I</i>	<i>I</i> 5	
VEHICLE CONTROL		0	0	0	0	0	
	ANIMAL ID	ő	Ö	ő	ŏ	ő	
		0	0	0	0	0	
		0	0	0	0	1	
		6	7	8	9	0	*IOIALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

First Dose M/F: NA / NA

D	AY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Female		0	0	0	0	0	
VEHICLE CONTROL		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	1	
		6	7	8	9	0	*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + +

 $^{\star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

5

Experiment Number: 99007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

SEALRT First Dose M/F: NA / NA
Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

DAY ON TEST

B6C3F1 Mouse Female 1560 PPM

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

First Dose M/F: NA / NA

DAY ON TEST

B6C3F1 Mouse Female 1560 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 99007-02 P17: NEOPLASMS BY INDIVIDU

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder **CAS Number:** GOLDENSEALRT

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 3121 PPM

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder

Route: DOSED FEED
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 3121 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 99007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY Test Compound: Goldenseal root powder Route: DOSED FEED

Species/Strain: Mouse/B6C3F1

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:18

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 6250 PPM

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

First Dose M/F: NA / NA

DAY ON TEST

B6C3F1 Mouse Female 6250 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 99007-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/16/2014 Time Report Requested: 02:31:18

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 12500 PPM

ANIMAL ID

*TOTALS

Alimentary System

Test Type: 14-DAY

Route: DOSED FEED

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X .. Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 12500 PPM

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder
CAS Number: GOLDENSEALRT

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Time Report Requested: 02:31:18

Date Report Requested: 10/16/2014

First Dose M/F: NA / NA

Lab: MBA

	r		_	_			
	DAY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Female		0	0	0	0	0	
	•	1	1	1	1	1	
25000 PPM		5	5	5	5	5	
	A N I I A A I A I I I I I I I	0	0	0	0	0	
	ANIMAL ID	Ŏ	Ŏ	Ŏ	ŏ	Ŏ	
		0	0	0	0	0	
		5	5	5	5	6	
		6	7	8	9	0	*TOTALS

Alimentary System

Liver + + + + + 5

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: Goldenseal root powder

Route: DOSED FEED

CAS Number: GOLDENSEALRT

First Dose M/F: NA / NA Lab: MBA

Date Report Requested: 10/16/2014

Time Report Requested: 02:31:18

Species/Strain: Mouse/B6C3F1

	L	JAT
B6C3F	1 Mouse Female	
25000	PPM	

DAY ON TEST 0 0 0 0 *1* 5 *1* 5 5 0 0 0 0 0 5 6 0 0 0 5 7 ANIMAL ID Ō 0 0 5 8 0 5 9 6

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

5

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Goldenseal root powder **CAS Number: GOLDENSEALRT**

*TOTALS

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: DOSED FEED

Time Report Requested: 02:31:18

First Dose M/F: NA / NA

Date Report Requested: 10/16/2014

Lab: MBA

D/	AY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Female 50000 PPM		0 1	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		6	6 7	6	6	7	*TOT

Alimentary System

5 Liver

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

- X .. Lesion present
- I .. Insufficient tissue

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^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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Lab: MBA

Date Report Requested: 10/16/2014

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First Dose M/F: NA / NA

Г	DAY ON TEST	0	n	0	0	0	
	ON ILOI	o	0	o	o	Ô	
B6C3F1 Mouse Female				1	1	1	
50000 PPM		5	5	5	5	5	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		6	6	6	6	7	
		6	7	8	9	0	

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

** END OF REPORT **

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically